| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office |       |                     |            |                 | Attorney Docket Number<br>9349-270DT |            |             | Serial No.<br>To Be Assigned |
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|   |       |                     |            | Applicants:     | <u> </u>                             |            |             |                              |
|   |       |                     |            | ı               | Filing Date                          |            |             | Group                        |
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|   | Γ     | Τ                   | U. S       | S. PATENT DOG   | CUMENTS                              |            | <del></del> | т                            |
| Examiner<br>Initial   |       | Document<br>Number  | Date       | Name            |                                      | Class      | Subclass    | Filing Date if Appropriate   |
| Chur  | 1.    | 3,365,408           | 01/23/68   | Ohara           |                                      | 260        | 29.6        |                              |
|   | 2.    | 4,045,398           | 8/30/77    | Dahms           |                                      | 260        | 29.3        |                              |
|   | 3.    | 4,170,582           | 10/09/79   | Mori et al.     |                                      | 260        | 29.6        |                              |
|   | 4.    | 4,179,537           | 12/18/79   | Rykowski        |                                      | 427        | 387         |                              |
|   | 5.    | 4,257,935           | 03/24/81   | Sekiguchi et a  | 1.                                   | 260        | 29.7        |                              |
|   | 6.    | 4,265,796           | 05/05/81   | Mueller-Mall    | et al.                               | 260        | 29.6        |                              |
|   | 7.    | 4,287,329           | 09/01/81   | Heimberg        |                                      | 526        | 202         |                              |
|   | 8.    | 4,336,172           | 06/22/82   | Marquardt et    | al.                                  | 524        | 555         |                              |
|   | 9.    | 4,339,552           | 07/13/82   | Lindemann       |                                      | 524        | 459         |                              |
|   | 10.   | 4,384,096           | 05/17/83   | Sonnabend       |                                      | 526        | 313         |                              |
|   | 11.   | 4,384,661           | 05/24/83   | Page et al.     |                                      | 222        | 394         | -                            |
|   | 12.   | 4,397,968           | 08/09/83   | Eck et al.      |                                      | 523        | 305         |                              |
|   | 13.   | 4,417,016           | 11/22/83   | Cline et al.    |                                      | 524        | 156         |                              |
|   | 14.   | 4,477,613           | 10/16/84   | Evans et al.    |                                      | 524        | 77          |                              |
|   | 15.   | 4,495,329           | 1/22/85    | Blair et al.    |                                      | 524        | 774         |                              |
|   | 16.   | 4,510,019           | 4/9/85     | Bartelloni      |                                      | 162        | 141         |                              |
|   | 17.   | 4,528,315           | 07/09/85   | Eck et al.      | <del></del>                          | 524        | 458         |                              |
| _   _   | 18.   | 4,623,462           | 11/18/86   | Urig et al.     |                                      | 210        | 496         |                              |
|   | 19.   | 4,904,753           | 2/27/90    | Watts et al.    | ·                                    | 528        | 137         |                              |
|   | 20.   | 4,670,181           | 06/02/87   | Mollinger et a  | l                                    | 252        | 186         |                              |
|   | 21.   | 4,937,284           | 06/26/90   | Bergström       |                                      | 525        | 57          |                              |
|   | 22.   | 4,999,239           | 3/12/91    | Iacoviello et a |                                      | 428        | 288         |                              |
|   | 23.   | 5,001,011           | 03/19/91   | Plueddemann     |                                      | 428        | 447         |                              |
|   | 24.   | 5,006,573           | 04/09/91   | Plueddemann     |                                      | 523        | 214         |                              |
|   | 25.   | 5,100,948           | 03/31/92   | Avdin et al.    |                                      | 524        | 425         |                              |

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|  |       |                     |             | Applicant               |                                      |       |              |                             |
|  |       |                     |             |                         |                                      |       | ram Krishnan |                             |
|  |       |                     |             | Filing Dat<br>Concurren | Group                                |       |              |                             |
|  |       |                     | U. S        | S. PATENT DO            |                                      |       |              | Unknown                     |
| Examiner Document  |       |                     |             |                         | SOMENTS                              |       |              | Filing Date                 |
| Initial  |       | Number              | Date        | N:                      | ame C                                | Class | Subclass     | if Appropriate              |
| Chile  | 26.   | 5,141,983           | 08/25/92    | Hasegawa et a           | ıl.                                  | 524   | 457          |                             |
|  | 27.   | 5,155,193           | 10/13/92    | Georges et al.          |                                      | 526   | 230.5        |                             |
|  | 28.   | 5,190,997           | 03/1993     | Lindemann et            | al.                                  | 524   | 44           |                             |
|  | 29.   | 5,200,459           | 04/06/93    | Weih et al.             |                                      | 524   | 459          |                             |
|  | 30.   | 5,244,695           | 9/14/93     | Davidowich e            | t al.                                | 427   | 389.9        |                             |
|  | 31.   | 5,296,627           | 03/22/94    | Tang et al.             |                                      | 558   | 34           |                             |
|  | 32.   | 5,300,555           | 04/05/94    | Weih et al.             |                                      | 524   | 571          |                             |
|  | 33.   | 5,308,910           | 05/03/94    | Yuki et al.             |                                      | 524   | 503          |                             |
| _  | 34.   | 5,352,720           | 10/04/94    | Aydin et al.            |                                      | 524   | 162          |                             |
| _  | 35.   | 5,354,803           | 10/11/94    | Dragner et al.          |                                      | 524   | 503          |                             |
| _  | 36.   | 5,385,973           | 01/31/95    | Marciandi et a          | l                                    | 524   | 730          |                             |
|  | 37.   | 5,428,095           | 06/27/95    | Swidler                 |                                      | 524   | 389          |                             |
|  | 38.   | 5,434,216           | 07/18/95    | Mudge et al.            |                                      | 524   | 803          |                             |
|  | 39.   | 5,444,112           | 08/22/95    | Carnahan                | - <del></del>                        | 524   | 272          |                             |
|  | 40.   | 5,451,635           | 09/19/95    | LaFleur et al.          |                                      | 525   | 57           |                             |
|  | 41.   | 5,461,104           | 12/24/95    | Daniel et al.           |                                      | 524   | 505          |                             |
|  | 42.   | 5,470,924           | 11/28/95    | Ryan                    |                                      | 525   | 501          |                             |
|  | 43.   | 5,491,209           | 02/13/96    | Helmer                  |                                      | 526   | 320          |                             |
|  | 44.   | 5,496,884           | 03/05/96    | Weih et al.             |                                      | 524   | 503          |                             |
|  | 45.   | 5,502,089           | 03/26/96    | Bricker et al.          |                                      | 524   | 44           |                             |
|  | 46.   | 5,519,084           | 05/21/96    | Pak-Harvey et           | al.                                  | 524   | 503          |                             |
|  | 47.   | 5,520,997           | 5/28/96     | Pourahmady et           | al.                                  | 428   | 228          |                             |
|  | 48.   | 5,539,015           | 07/23/96    | Horii et al.            |                                      | 523   | 102          |                             |
|  | 49.   | 5,629,370           | 05/13/97    | Freidzon                |                                      | 524   | 503          |                             |
|  | 50.   | 5,830,934           | 11/03/98    | Krishnan                |                                      | 524   | 43           |                             |

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|   | (Us                | se several sheets if         | necessary)   |                                   |                                      |               |               |                              |
|   |                    |                              | -            |                                   | Applicants:                          |               |               |                              |
|   |                    |                              |              |                                   |                                      | Venkata       | ram Krishnan  |                              |
|   |                    |                              |              | Filing Date Concurrently Herewith |                                      |               | Group         |                              |
|   |                    |                              | US           | . PATENT DO                       | L                                    |               |               | Unknown                      |
| Examiner  |                    | Document                     |              |                                   |                                      | T             | T             | Filing Date                  |
| Initial   |                    | Number                       | Date         | Name                              |                                      | Class         | Subclass      | if Appropriate               |
| Cen   | 51.                | 5,900,451                    | 05/04/99     | Krishnan et al                    | l                                    | 524           | 502           |                              |
|   |                    |                              | FOREI        | GN PATENT D                       | OCUMENTS                             |               |               |                              |
|   |                    | Document<br>Number           | Date         | Co                                | untry                                | Class         | Subclass      | Translation<br>Yes   No      |
| Cruv  | 52.                | 2,182,202                    | 01/26/95     | Canada                            |                                      | C02T          | 43/04         | NA                           |
|   | 53.                | 0 516 360 A1                 | 12/12/92     | ЕРО                               |                                      | C08F          | 36/04         | Х                            |
|   | 54.                | 0 640 629                    | 06/28/94     | ЕРО                               |                                      | C08F          | 246/00        | х                            |
|   | 55.                | 2028 203 A                   | 07/15/88     | Japan                             |                                      | C08F          | 18/08         | X abstract only              |
|   | 56.                | 2 196880                     | 01/25/89     | Japan                             |                                      | C08F          | 02/38         | х                            |
|   | 57.                | 05059106 A                   |              | Japan                             |                                      | C08F          | 2/24          | X abstract only              |
|   | 58.                | 06128443 A                   | 05/10/94     | Japan                             |                                      | C08L          | 33/00         | X abstract only              |
|   | 59.                | 6179705                      | 06/28/94     | Japan                             |                                      | C08F          | 2/24          | X abstract only              |
|   | 60.                | 07070989 A                   | 03/14/95     | Japan                             |                                      | D21H          | 19/56         | X abstract only              |
|   | 61.                | 2 099 000 A                  | 04/06/81     | UK                                |                                      | C08F          | 2/44          | NA                           |
|   | 62.                | WO94/22671                   | 10/13/94     | PCT                               |                                      | B32B          | 27/04         | Х                            |
|   | 63.                | 1265549                      | 1961         | France                            |                                      | C08J          |               | х                            |
| Y   | 64.                | 57-1800617                   | 1982         | Japan                             |                                      | C08F2         | 24            | X abstract only              |
|   | · - <u>-      </u> | OTHER DO                     | CUMENTS (I   | Including Autho                   | r, Title, Date, P                    | ertinent Page | s, Etc.)      |                              |
| PML   | ,65.               | Yuki et al; "The 517 (1993). | Role of Poly | vinyl Alcohol in                  | Emulsion Poly                        | merization",  | Polymer Inter | rnational <b>30</b> :4 513-  |

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